**1. Complete the following statements.**

|  |  |
| --- | --- |
| **a.** | If the integers have different signs then the quotient will be \_\_\_\_\_\_\_\_\_\_\_\_. |
| **b.** | If the integers have the \_\_\_\_\_\_\_\_\_\_\_ then the product will be positive. |

**2. Write T for true or F for false**

|  |  |  |
| --- | --- | --- |
| **a.** | $$\frac{\left(-\right)}{\left(+\right)}=\left(+\right)$$ |  |
| **b.** | $$\left(-\right)\*\left(-\right)=(+)$$ |  |

**Multiple Choice**

**3. Find the value of the expression** $\left|-13\right|÷13$

|  |  |  |
| --- | --- | --- |
| **a.** | $$-1$$ |  |
| **b.** | $$1$$ |  |
| **c.** | $$-169$$ |  |

**4. Find the value of the expression** $-225\*\left|-5\right|$

|  |  |  |
| --- | --- | --- |
| **a.** | $$-1,125$$ |  |
| **b.** | $$ 1,125$$ |  |
| **c.** | $25$ |  |

**5. Find the value of the expression** $-125\*5÷5$

|  |  |  |
| --- | --- | --- |
| **a.** | $$-5$$ |  |
| **b.** | $$-125$$ |  |
| **c.** | $$ 125$$ |  |

**ANSWERS**

**1. Complete the following statements.**

|  |  |
| --- | --- |
| **a.** | If the integers have different signs then the quotient will be negative. |
| **b.** | If the integers have the same signs then the product will be positive. |

**2. Write T for true or F for false**

|  |  |  |
| --- | --- | --- |
| **a.** | $$\frac{\left(-\right)}{\left(+\right)}=\left(+\right)$$ | **F** |
| **b.** | $$\left(-\right)\*\left(-\right)=(+)$$ | **T** |

**Multiple Choice**

**3. Find the value of the expression** $\left|-13\right|÷13$

|  |  |  |
| --- | --- | --- |
| **a.** | $$-1$$ |  |
| **b.** | $$ 1$$ |  |
| **c.** | $$-169$$ |  |

**4. Find the value of the expression** $-225\*\left|-5\right|$

|  |  |  |
| --- | --- | --- |
| **a.** | $$-1,125$$ |  |
| **b.** | $$1,125$$ |  |
| **c.** | $$ 25$$ |  |

**5. Find the value of the expression** $-125\*5÷5$

|  |  |  |
| --- | --- | --- |
| **a.** | $$-5$$ |  |
| **b.** | $$-125$$ |  |
| **c.** | $$ 125$$ |  |